

FIG. 1A

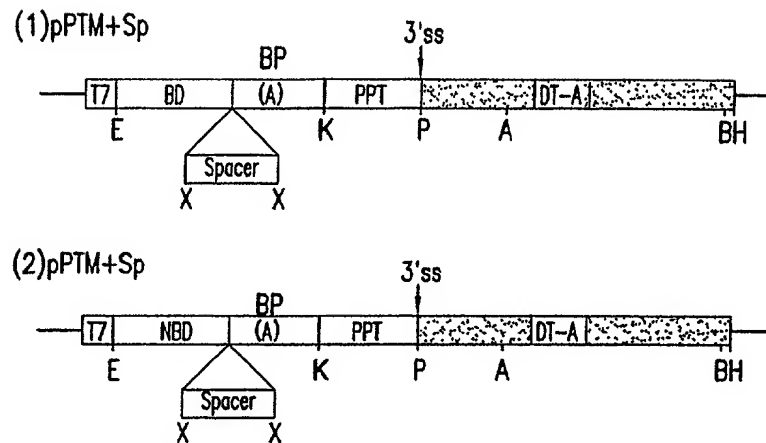


FIG.1B

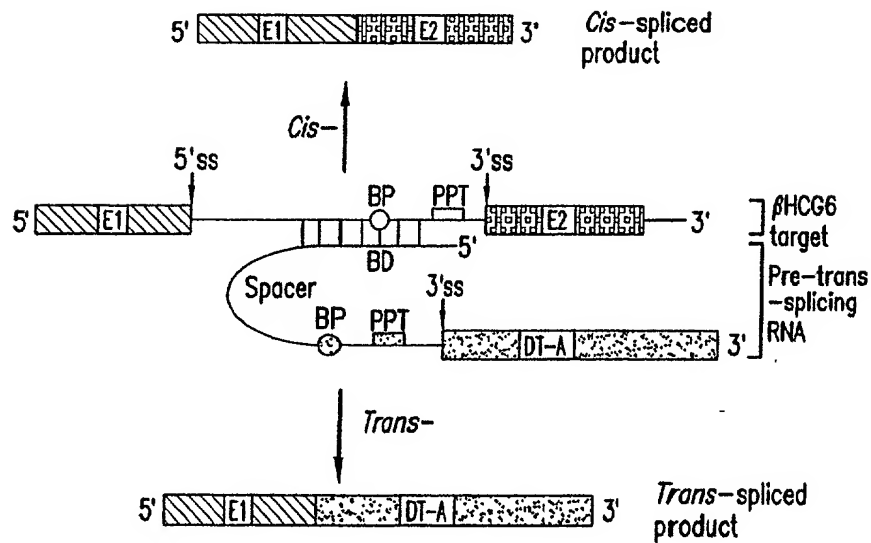


FIG.1C

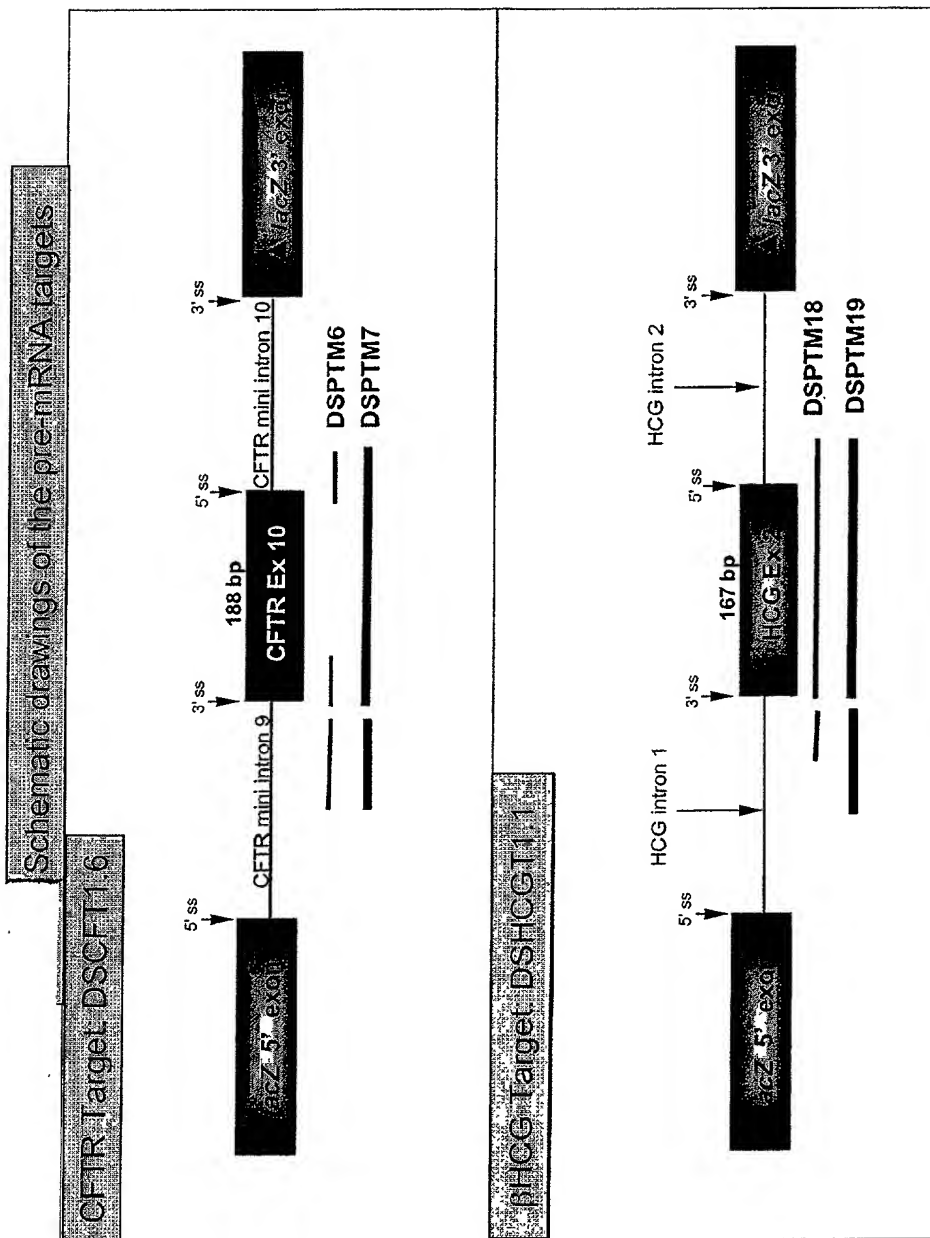


Figure 2

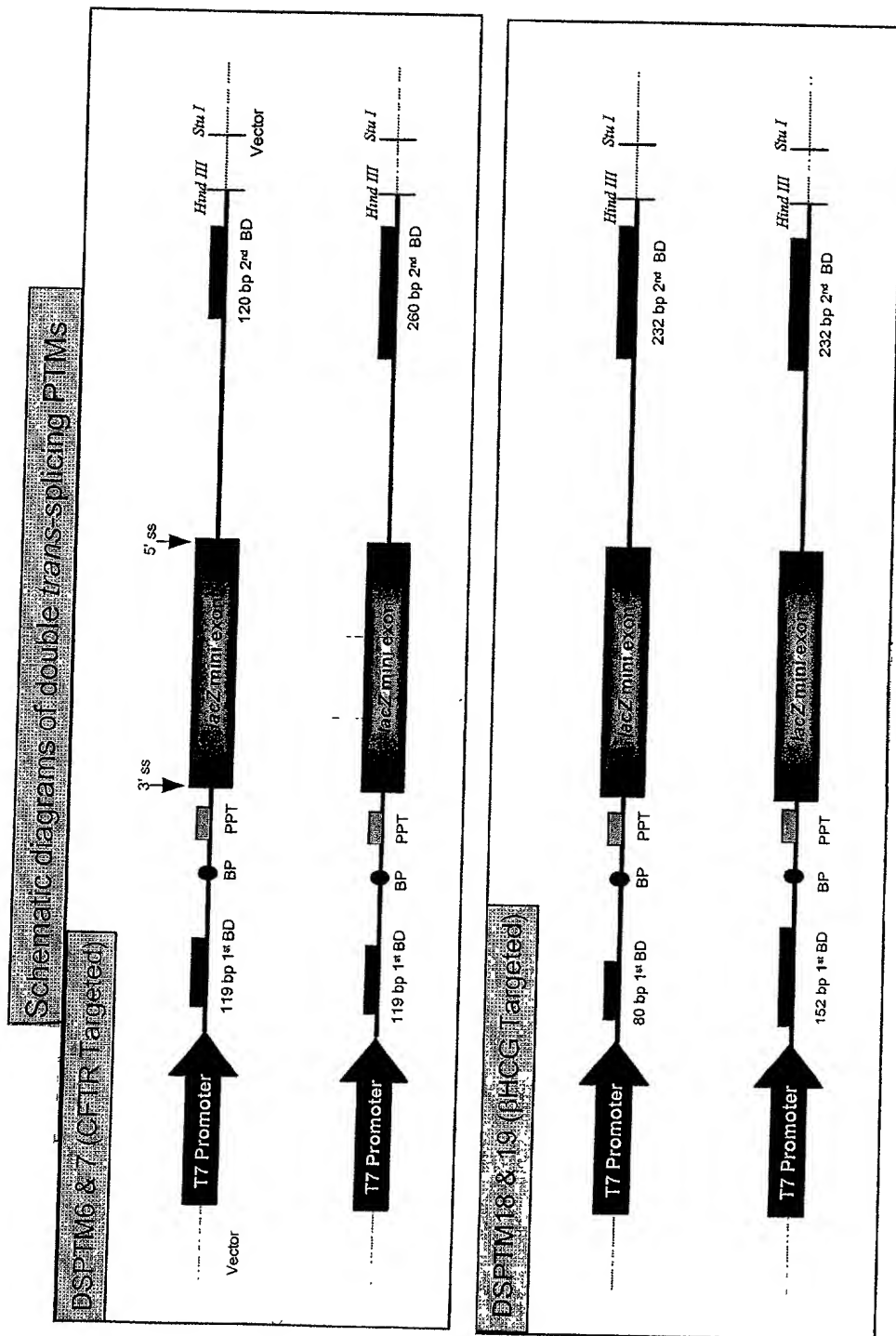


Figure 3

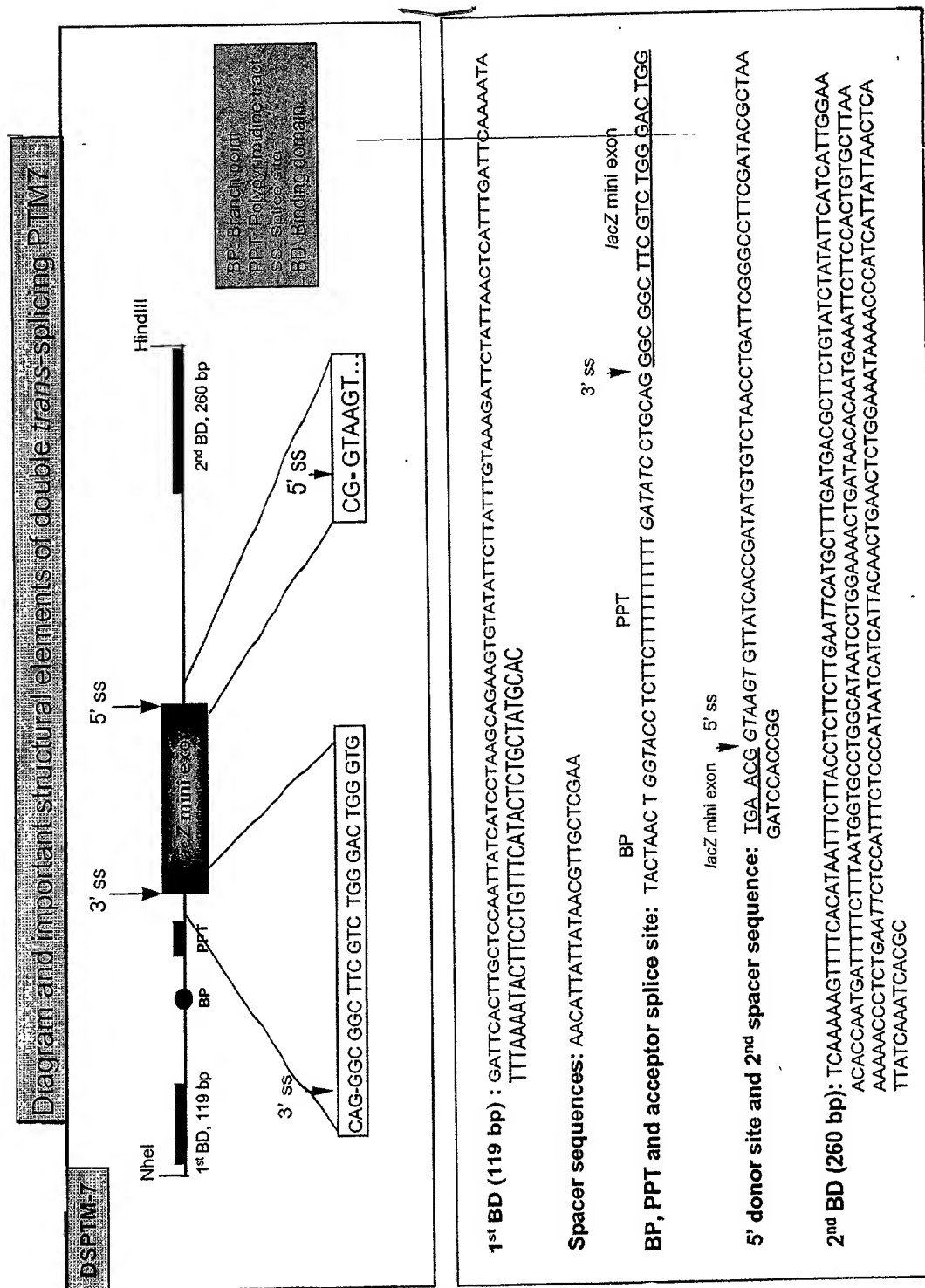
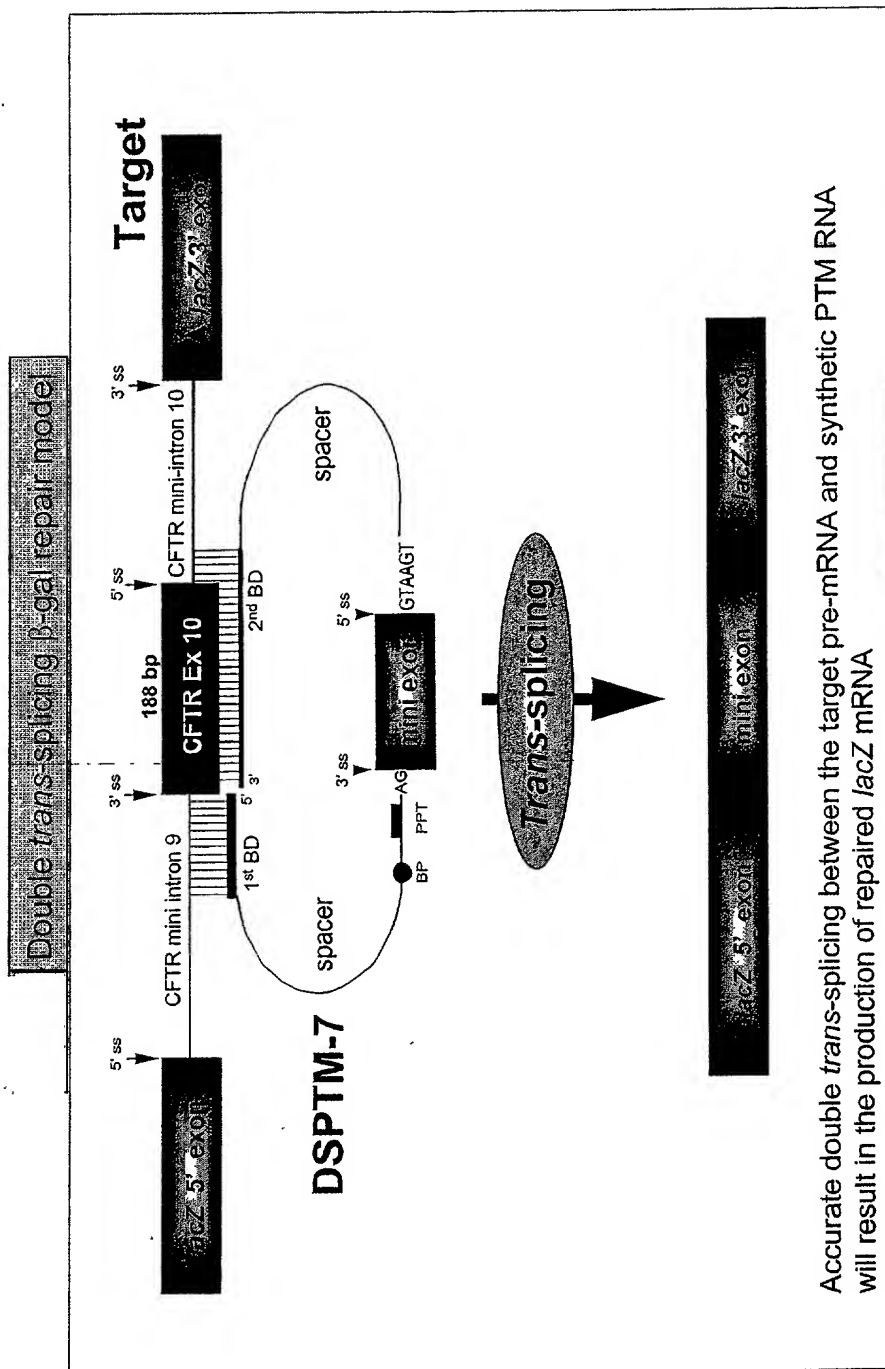


Figure 5



Proof-of-principle of SMaRT using synthetic double splicing PTM RNA in 293T cells

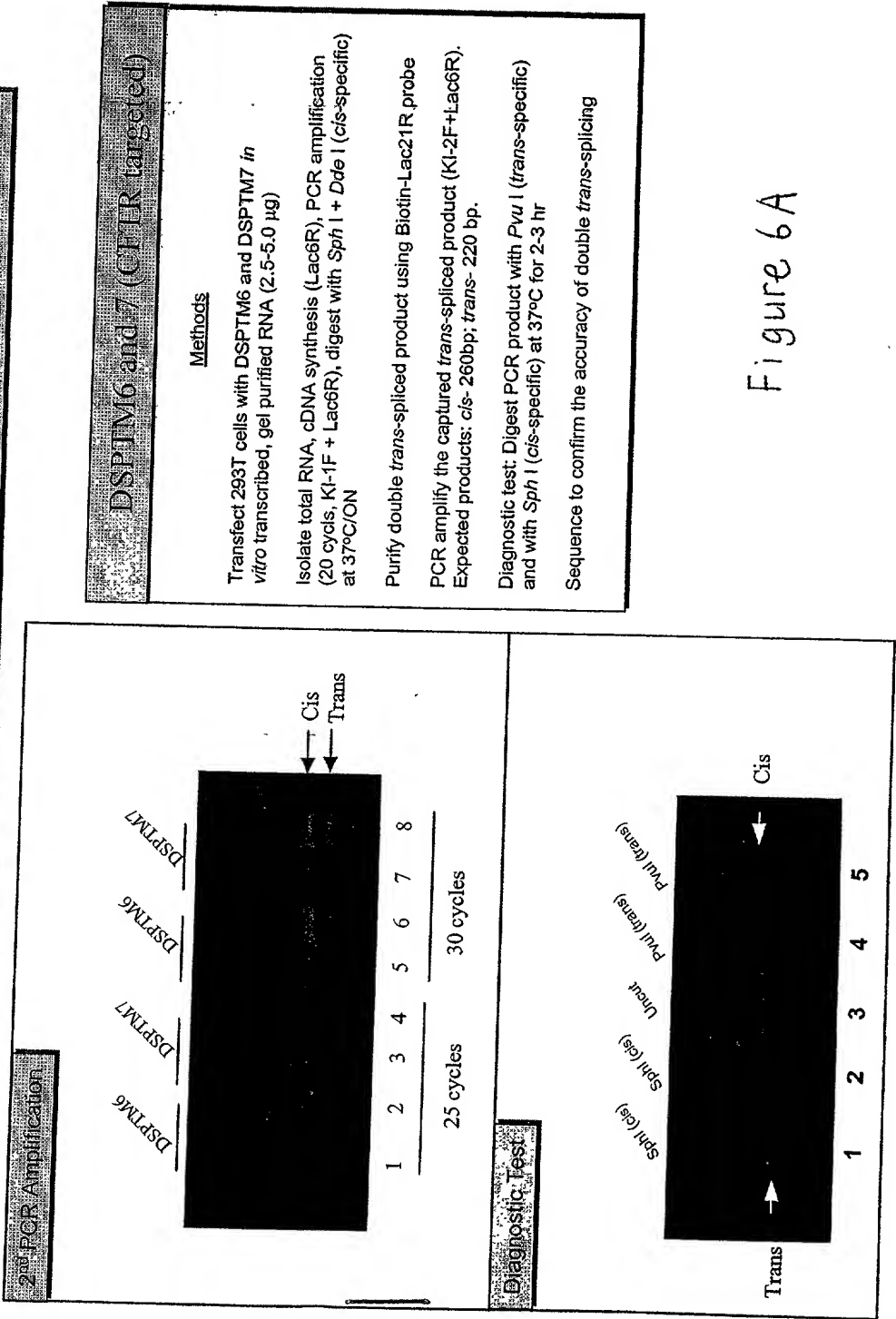


Figure 6A

Proof-of-principle of SMaRT using synthetic double splicing PTM RNA in stable cells

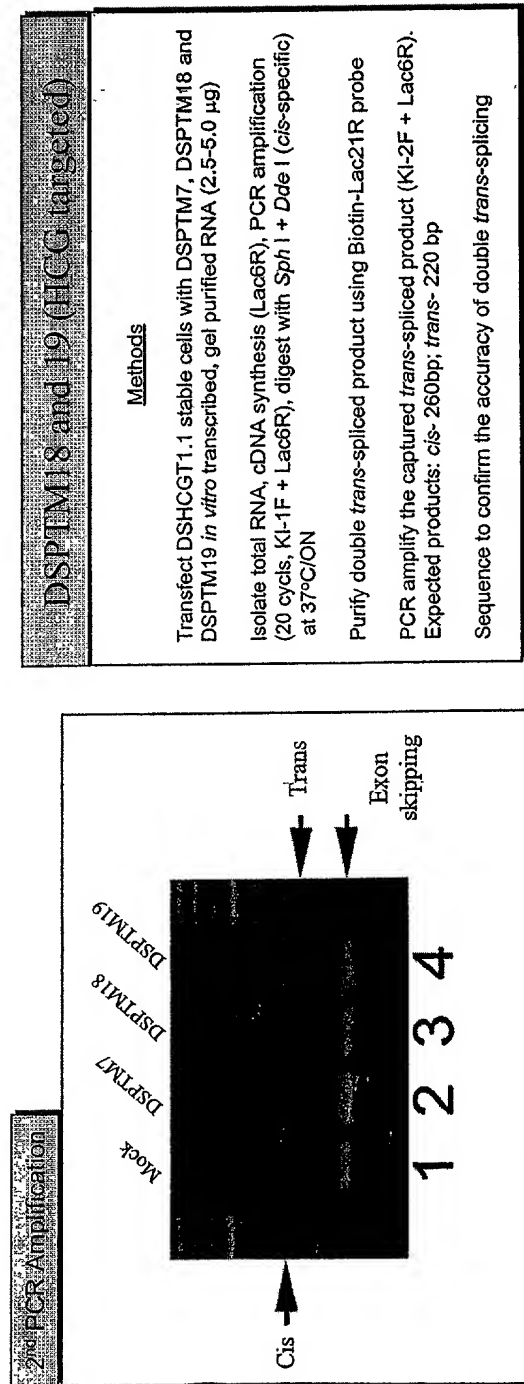


Figure 6B

Accuracy of double *trans*-splicing of synthetic PTM RNA in 293T cells

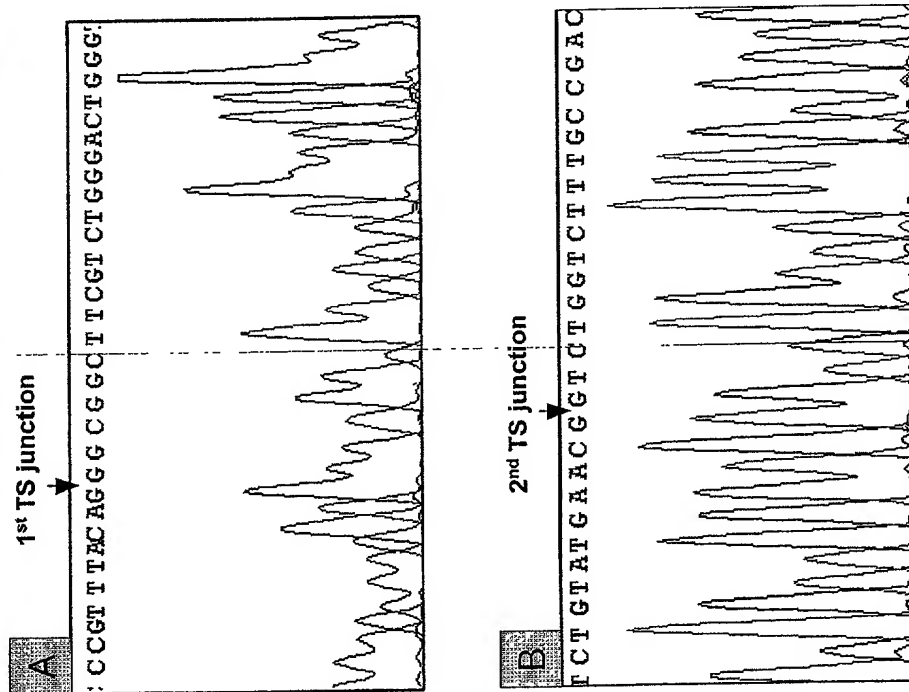


Figure 6C

Restoration of β -gal function through RNA transfection in 293T cells
(Proof-of-concept for SMaRT RNA Therapeutics!!)
Synthetic RNA: Double trans-splicing

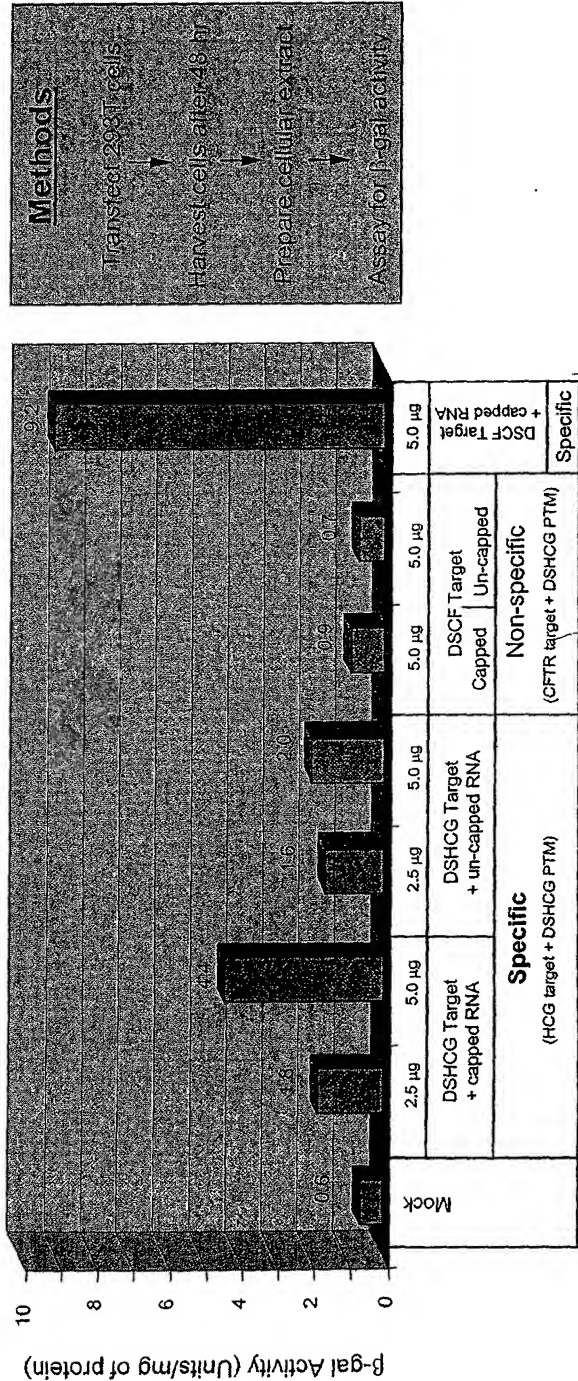


Figure 7